In the Claims

Claim 1 (original): A deposition apparatus, comprising:

a substrate susceptor for receiving a semiconductor wafer substrate;

one or more lamps for providing radiant energy to the substrate; and

at least one of the lamps having a reflector associated therewith for reflecting radiant energy from said at least one of the lamps toward the substrate, said reflector having a rugged reflective surface configured to disperse the radiant energy reflected therefrom.

Claim 2 (original): The apparatus of claim 1 wherein the rugged reflective surface comprises a repeating pattern.

Claim 3 (original): The apparatus of claim 1 wherein the repeating pattern extends entirely across the rugged reflective surface.

Claim 4 (original): The apparatus of claim 1 wherein the rugged reflective surface comprises a repeating pattern of dimples.

Claim 5 (original): The apparatus of claim 1 wherein the rugged reflective surface is a surface of a crumpled metallic foil.

Claim 6 (withdrawn): The apparatus of claim 1 wherein the rugged surface is a first disperser and further comprising passing at least some of the dispersed radiant energy through a second disperser prior to providing the radiant energy to the substrate.

Claim 7 (withdrawn): The apparatus of claim 6 wherein the second disperser comprises a diffraction grating.

Claim 8 (original): The apparatus of claim 1 wherein two adjacent lamps provide radiant energy to the substrate, and wherein there is sufficient dispersion of energy from the lamps that at least 50% of the radiant energy impacting the substrate from one of the lamps is overlapped by radiant energy impacting the substrate from the other of the lamps.

Claim 9 (original): The apparatus of claim 8 wherein said two adjacent lamps are comprised by a bank of lamps having outer lamps at the outer periphery of the bank and having inner lamps between the outer lamps, and wherein the adjacent lamps are both inner lamps of the bank of lamps.

Claim 10 (original): The apparatus of claim 9 wherein said bank of lamps consists of four lamps, with two of the lamps being the outer lamps and two of the lamps being the adjacent inner lamps.

Claim 11 (original): The apparatus of claim 8 wherein there is sufficient dispersion of energy from the lamps that at least 70% of the radiant energy impacting the substrate

from one of the lamps is overlapped by radiant energy impacting the substrate from the other of the lamps.

Claim 12 (original): The apparatus of claim 11 wherein said two adjacent lamps are comprised by a bank of lamps having outer lamps at the outer periphery of the bank and having inner lamps between the outer lamps, and wherein the adjacent lamps are both inner lamps of the bank of lamps.

Claim 13 (original): The apparatus of claim 12 wherein said bank of lamps consists of four lamps, with two of the lamps being the outer lamps and two of the lamps being the adjacent inner lamps.

Claim 14 (original): The apparatus of claim 8 wherein there is sufficient dispersion of energy from the lamps that at least 90% of the radiant energy impacting the substrate from one of the lamps is overlapped by radiant energy impacting the substrate from the other of the lamps.

Claim 15 (original): The apparatus of claim 14 wherein said two adjacent lamps are comprised by a bank of lamps having outer lamps at the outer periphery of the bank and having inner lamps between the outer lamps, and wherein the adjacent lamps are both inner lamps of the bank of lamps.

Claim 16 (original): The apparatus of claim 15 wherein said bank of lamps consists of four lamps, with two of the lamps being the outer lamps and two of the lamps being the adjacent inner lamps.

Claims 17-67 (canceled).